

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2756	(duty adj cycle) and terminat\$3 and (bidirection\$2 or (bi adj direction\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:15
L2	2106	1 and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:15
L3	81	2 and ("326"/\$.ccls. "327"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 12:15
L4	14	("4071781").PN. OR ("5315164").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 12:54

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	203	("326"/\$.ccls. "327"/\$.ccls.) and (bidirection\$2 or (bi adj direction\$2)) and terminat\$3 and ((duty adj cycle) or slew) and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:53
S2	22	("4992677"   "5122690"   "5166555"   "5187686"   "5212801"   "5331220"   "5341039"   "5602494"   "5731711"   "5786709"   "5789937"   "5869983"   "5898321"   "5923183"   "5977790"   "6026456"   "6031385"   "6054881"   "6288563"   "6347350"   "6366129").PN. OR ("6636069").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 11:12
S3	2	("6838900"   "6411122").pn.	USPAT	OR	ON	2007/02/20 09:15
S4	4	("5731711"   "5872471").PN. OR ("6838900").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:48
S5	17	("5528168"   "5781028"   "5793223"   "6026456"   "6127840").PN. OR ("6411122").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:48
S6	42	("326"/\$.ccls. "327"/\$.ccls.) and (bidirection\$2 or (bi adj direction\$2)) and terminat\$3 and (((duty adj cycle) or slew) near control\$4) and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:56
S7	203	("326"/\$.ccls. "327"/\$.ccls.) and (bidirection\$2 or (bi adj direction\$2)) and terminat\$3 and ((duty adj cycle) or slew) and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:56
S8	42	S7 and (((duty adj cycle) or slew) near control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 13:56
S9	8	("6972597"   "6870399"   "6690191"   "6639423"   "6593768"   "6424175"   "6369605"   "6392442").pn.	USPAT	OR	ON	2007/02/16 13:58
S10	1	S9 and (duty or slew)	USPAT	OR	ON	2007/02/16 14:56
S11	1	S10 and terminat\$3	USPAT	OR	ON	2007/02/16 13:58

## EAST Search History

S12	9	("5097144"   "5325355"   "6127849"   "6304106"   "6452428"   "6690196").PN. OR ("6870399").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/16 13:59
S13	25912	((bi adj direction\$2) or bidirection\$2) or ((input adj2 output) or (I adj O))) and ((duty adj cycle) or slew) and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 13:41
S14	3743	((bi adj direction\$2) or bidirection\$2) or ((input adj2 output) or (I adj O))) and (((duty adj cycle) or slew) near control\$4) and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:10
S15	547	S14 and ("326"/\$.ccls. "327"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:10
S16	132	S15 and terminat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:10
S17	3	S15 and ((switch\$4 or program\$5) adj terminat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/16 14:11
S18	6	(US-20030001618-\$ or US-20020027449-\$).did. or (US-6636069-\$ or US-6608506-\$ or US-6549036-\$ or US-6242945-\$).did.	US-PGPUB; USPAT	OR	ON	2007/02/16 14:56
S19	4	S18 and (duty or slew)	USPAT	OR	ON	2007/02/16 14:56
S21	505	326/30.ccls..and ((duty adj2 cycle) ((ris\$3 fall\$3 lead\$3 lag\$4 slew) adj2 (rate time edge)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:52

## EAST Search History

S22	54	S21 and duty	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:53
S23	42	S22 and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 12:47
S24	15	S23 and ((bi adj direction\$2) or bidirection\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:53
S25	27	S23 and ((input adj output) or (I adj O))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:53
S26	11	S25 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:41
S27	4	S24 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:50
S28	16	S25 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:50
S29	0	S21 and 327/175.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:52

## EAST Search History

S30	1082	(326/30.ccls. 327/175.ccls.) and ((duty adj2 cycle) ((ris\$3 fall\$3 lead\$3 lag\$4 slew) adj2 (rate time edge)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:52
S31	577	S30 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:53
S32	521	S31 and duty	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:53
S33	390	S32 and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:53
S34	10	S33 and ((bi adj direction\$2) or bidirection\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:56
S35	168	S33 and ((input adj output) or (I adj O))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:53
S36	3	(dynamic near terminat\$3) and (duty adj cycle) and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:57
S37	1	(dynamic near terminat\$3) same (duty adj cycle) and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 11:57

## EAST Search History

S38	19	("7173449"   "7161379"   "7068064"   "7064575"   "7057415"   "7051130"   "7051129"   "7038520"   "7038498"   "7024502"   "6963218"   "6853213"   "6777976"   "6768346"   "6664821"   "6624659"   "6605957"   "6586964"   "6580295").PN.	USPAT	OR	ON	2007/02/20 12:42
S39	11	("6529074"   "6516365"   "6456112"   "6424177"   "6329836"   "6323698"   "6321282"   "6211703"   "6160417"   "6124727"   "5835535").PN.	USPAT	OR	ON	2007/02/20 12:44
S40	18	("5731711"   "5729154"   "5726591"   "5596285"   "5576640"   "5546017"   "5539328"   "5418478"   "5347177"   "5251054"   "5120998"   "5056110"   "4939389"   "4812683"   "4810905"   "4800303"   "4791322"   "4289977").PN.	USPAT	OR	ON	2007/02/20 12:46
S41	48	S38 S39 S40	USPAT	OR	ON	2007/02/20 12:46
S42	39	S41 and @ad<"20030708"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 12:47
S43	39	S42 and duty	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 12:47
S44	23	S43 and terminat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 12:47
S45	14	("4045684"   "4404474"   "4498021"   "4638187"   "4725747"   "4728827"   "4748426"   "4825101"   "4885485"   "4959565"   "4972100"   "5089722").PN. OR ("5576640").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/20 12:55
S46	0	S45 and (slew duty)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/20 12:55

## EAST Search History

S47	8	(dynamic near terminat\$3) and ((duty adj cycle) or (slew adj rate)) and @ad<"20030708" and ("326"/\$.ccls. "327"/\$.ccls) and clock\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 13:05
S48	1	"6445245".pn.	USPAT	OR	ON	2007/02/20 13:05
S49	1	"6791356".pn.	USPAT	OR	ON	2007/02/20 13:19
S50	27	("5134311"   "5216667"   "5325355"   "5481207"   "5530377"   "5541535"   "5578939"   "5579336"   "5604450"   "5621335"   "5663661"   "5675811"   "5778204"   "5787298"   "5874837"   "5977796"   "6087847"   "6087853"   "6107856"   "6118310"   "6157206"   "6226331"   "6256234"   "6329843"   "6366867").PN. OR ("6791356").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/20 13:21
S51	46	("4694205"   "4707620"   "4719369"   "4743784"   "4804871"   "4831287"   "4845675"   "4855628"   "4859877"   "4931675"   "4937479"   "4959563"   "5086271"   "5134311"   "5138515"   "5162672"   "5194765"   "5231311"   "5371420"   "5402425"   "5457407"   "5568081"   "5598107"   "5602494"   "5623216"   "5644252"   "5666078"   "5726583"   "5739707"   "5774403"   "5838177"   "5850159"   "5852579"   "5862390"   "5877647"   "5898321"   "5929671"   "6026456"   "6047346"   "6060907"   "6085033"   "6118310"   "6194924").PN. OR ("6608506").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/20 13:40
S52	9	S51 and (duty skew)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/20 13:40
S53	17	S51 and (duty slew)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/20 13:40
S54	14	S53 and (terminat\$3 or impedance)	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/20 13:41

## EAST Search History

S55	13	S54 and (((bi adj direction\$2) or bidirection\$2) or ((input adj2 output) or (i adj o)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/20 13:42
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